

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/589,676
Source: IFWP
Date Processed by STIC: 08/28/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 08/28/2006

PATENT APPLICATION: US/10/589,676

TIME: 10:39:08

Input Set : A:\004974.01215 sequence listing.txt

Output Set: N:\CRF4\08282006\J589676.raw

```

4 <110> APPLICANT: Golz, Stefan
5     Brueggemeier, Ulf
6     Geerts, Andreas
7     Summer, Holger
9 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for
10    Diseases Associated with Kallikrein 3 (KLK3)
13 <130> FILE REFERENCE: 004974.01215
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/589,676
C--> 15 <141> CURRENT FILING DATE: 2006-08-16
15 <150> PRIOR APPLICATION NUMBER: EP04003740.0
16 <151> PRIOR FILING DATE: 2004-02-19
18 <150> PRIOR APPLICATION NUMBER: PCT/EP2005/001134
19 <151> PRIOR FILING DATE: 2005-02-04
21 <160> NUMBER OF SEQ ID NOS: 5
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 1466
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 1
31 agccccaagc ttaccacctg caccgggaga gctgtgtgtc accatgtggg tcccggttgt 60
32 cttcctcacc ctgtccgtga cgtggattgg tgctgcaccc ctcatcctgt ctgggattgt 120
33 gggaggctgg gagtgcgaga agcattccca accctggcag gtgcttgtgg cctctcgtgg 180
34 cagggcagtc tgcggcggtg ttctggtgca ccccgagtgg gtccctcacag ctgcccactg 240
35 catcaggaac aaaagcgtga tcttgctggg tcggcacagc ctgtttcatc ctgaagacac 300
36 aggccaggta tttcagggtca gccacagctt cccacacccg ctctacgata tgagcctcct 360
37 gaagaatcga ttcctcaggc caggtgatga ctccagccac gacctcatgc tgctccgcct 420
38 gtcagagcct gccgagctca cggatgctgt gaaggatcatg gacctgccc cccaggagcc 480
39 agcactgggg accacctgct acgcctcagg ctggggcagc attgaaccag aggagtctct 540
40 gaccccaaag aaacttcagt gtgtggacct ccatgttatt tccaatgacg tgtgtgcgca 600
41 agttcacctc cagaagggtga ccaagttcat gctgtgtgct ggacgctgga cagggggcaa 660
42 aagcacctgc tcgggtgatt ctggggggccc acttgtctgt aatggtgtgc ttcaagggtat 720
43 cagtcattgg ggcagtgaac catgtgccct gcccgaaagg ccttccctgt acaccaaggt 780
44 ggtgcattac cgggaagtga tcaaggacac catcgtggcc aaccctgag caccctatc 840
45 aacccccctat tgtagtaaac ttggaacctt ggaaatgacc aggccaagac tcaagcctcc 900
46 ccagttctac tgacctttgt ccttaggtgt gaggtccagg gttgctagga aaagaaatca 960
47 gcagacacag gtgtagacca gagtgtttct taaatggtgt aattttgtcc tctctgtgtc 1020
48 ctgggggaata ctggccatgc ctggagacat atcactcaat ttctctgagg acacagatag 1080
49 gatggggtgt ctgtgttatt tgtgggttac agagatgaaa gaggggtggg atccacactg 1140
50 agagagtgga gagtgacatg tgctggacac tgtccatgaa gcaactgagca gaagctggag 1200
51 gcacaacgca ccagacactc acagcaagga tggagctgaa aacataaccc actctgtcct 1260
52 ggaggcactg ggaagcctag agaaggctgt gagccaagga gggagggtct tcctttggca 1320
53 tgggatgggg atgaagtaag gagagggact ggacccctg gaagctgatt cactatgggg 1380

```

RAW SEQUENCE LISTING

DATE: 08/28/2006

PATENT APPLICATION: US/10/589,676

TIME: 10:39:08

Input Set : A:\004974.01215 sequence listing.txt

Output Set: N:\CRF4\08282006\J589676.raw

```

54 ggaggtgtat tgaagtcctc cagacaaccc tcagatttga tgatttccta gtagaactca 1440
55 cagaaataaa gagctgttat actgtg                                     1466
57 <210> SEQ ID NO: 2
58 <211> LENGTH: 261
59 <212> TYPE: PRT
60 <213> ORGANISM: Homo sapiens
61 <400> SEQUENCE: 2
63 Met Trp Val Pro Val Val Phe Leu Thr Leu Ser Val Thr Trp Ile Gly
64 1 5 10 15
65 Ala Ala Pro Leu Ile Leu Ser Arg Ile Val Gly Gly Trp Glu Cys Glu
66 20 25 30
67 Lys His Ser Gln Pro Trp Gln Val Leu Val Ala Ser Arg Gly Arg Ala
68 35 40 45
69 Val Cys Gly Gly Val Leu Val His Pro Gln Trp Val Leu Thr Ala Ala
70 50 55 60
71 His Cys Ile Arg Asn Lys Ser Val Ile Leu Leu Gly Arg His Ser Leu
72 65 70 75 80
73 Phe His Pro Glu Asp Thr Gly Gln Val Phe Gln Val Ser His Ser Phe
74 85 90 95
75 Pro His Pro Leu Tyr Asp Met Ser Leu Leu Lys Asn Arg Phe Leu Arg
76 100 105 110
77 Pro Gly Asp Asp Ser Ser His Asp Leu Met Leu Leu Arg Leu Ser Glu
78 115 120 125
79 Pro Ala Glu Leu Thr Asp Ala Val Lys Val Met Asp Leu Pro Thr Gln
80 130 135 140
81 Glu Pro Ala Leu Gly Thr Thr Cys Tyr Ala Ser Gly Trp Gly Ser Ile
82 145 150 155 160
83 Glu Pro Glu Glu Phe Leu Thr Pro Lys Lys Leu Gln Cys Val Asp Leu
84 165 170 175
85 His Val Ile Ser Asn Asp Val Cys Ala Gln Val His Pro Gln Lys Val
86 180 185 190
87 Thr Lys Phe Met Leu Cys Ala Gly Arg Trp Thr Gly Gly Lys Ser Thr
88 195 200 205
89 Cys Ser Gly Asp Ser Gly Gly Pro Leu Val Cys Asn Gly Val Leu Gln
90 210 215 220
91 Gly Ile Thr Ser Trp Gly Ser Glu Pro Cys Ala Leu Pro Glu Arg Pro
92 225 230 235 240
93 Ser Leu Tyr Thr Lys Val Val His Tyr Arg Lys Trp Ile Lys Asp Thr
94 245 250 255
95 Ile Val Ala Asn Pro
96 260
99 <210> SEQ ID NO: 3
100 <211> LENGTH: 19
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: forward primer
107 <400> SEQUENCE: 3
108 gtcccgggtg tcttcctca

```

19

RAW SEQUENCE LISTING

DATE: 08/28/2006

PATENT APPLICATION: US/10/589,676

TIME: 10:39:08

Input Set : A:\004974.01215 sequence listing.txt

Output Set: N:\CRF4\08282006\J589676.raw

110 <210> SEQ ID NO: 4
111 <211> LENGTH: 20
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: reverse primer
118 <400> SEQUENCE: 4
119 cacaatccga gacaggatga 20
121 <210> SEQ ID NO: 5
122 <211> LENGTH: 24
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: probe
129 <400> SEQUENCE: 5
130 ctgtccgtga cgtggattgg tgct 24

VERIFICATION SUMMARY

DATE: 08/28/2006

PATENT APPLICATION: US/10/589,676

TIME: 10:39:09

Input Set : A:\004974.01215 sequence listing.txt

Output Set: N:\CRF4\08282006\J589676.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date